

L2: (75814)
 L3: (0) 1
 L4: (15131)
 L5: (10660)
 L6: (65409)
 L7: (36233)
 L8: (59) 5
 L9: (5) 8
 L10: (256)
 L11: (1744)
 L12: (81)
 L13: (12)

Detailed Description Text - DETX (10):

6. Chemotherapeutic substance--Refers to a therapeutically active substance whose therapeutic effect arises from the chemical characteristics of the substance. Chemotherapeutic substances may include, for example, non-radioactive pharmaceuticals. They may include small molecules or more complex molecules such as lipids, carbohydrates, proteins or nucleic acids such as DNA or RNA.

Detailed Description Text - DETX (19):

Proteinaceous substances, including proteins, glycoproteins, lipoproteins or peptides may also be coupled through suitable linking moiety to hydrocarbon.

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	U	I	Document ID	Issue Date	Pages	Title	Current	Curseen	Re	Invented
5	<input type="checkbox"/>	<input type="checkbox"/>	US 5872107 A	19990216	36	Treatment of urogenital cancer with boron	514/44	424/1. 73;		Schinazi, Raymond et al.
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5851510 A	19981222	32	Hepatocyte-selective oil-in-water emulsion	424/9.4 5	424/1. 89;		Counsell, Raymond et al.
7	<input type="checkbox"/>	<input type="checkbox"/>	US 5725838 A	19980310	5	Radiolabeled D4 receptor ligands	424/1.8 5	424/1. 81;		Pollak, Alfred
8	<input type="checkbox"/>	<input type="checkbox"/>	US 5690906 A	19971125	22	Dopamine D-3 and serotonin (5-HT.sub.1A)	424/1.8 5	544/10 1;		Kung, Hank F.
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 5667764 A	19970916	46	Compounds, compositions and methods for binding	424/1.4 5	424/1. 53;		Kopia, Gregory et al.
10	<input type="checkbox"/>	<input type="checkbox"/>	US 5599796 A	19970204	35	Treatment of urogenital cancer with boron	514/44	424/1. 11;		Schinazi, Raymond et al.

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INCORPORATED INTO THESE CONJUGATES OR THE PRESENT INVENTION.

Detailed Description Text - DETX (109):

Briefly, iodobenzamide derivatives corresponding to biocytin ($R=COOH$) and biotinamidopentylamine ($R=H$) were prepared according to the following scheme. In this scheme, "X" may be any radiohalogen, including ^{125}I , ^{131}I , ^{123}I , ^{211}At and the like. ##STR26## Preparation of 1 was generally according to Wilbur et al., J. Nucl. Med. 30:216-26, 1989, using a tributyltin intermediate. Water soluble carbodiimide was used in the above-depicted reaction, since the NHS ester 1 formed intractable mixtures with DCU. The NHS ester was not compatible with chromatography; it was insoluble in organic and aqueous solvents and did not react with biocytin in DMF or in

	U	I	Document ID	Issue Date	Pages	Title	Current	Curren	Re	Inventor
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5679318 A	19971021		Stable therapeutic radionuclide	424/1.1 1	424/1. 45;		Vanderheyden, et al.
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5630996 A	19970520		Two-step pretargeting methods using improved	424/1.4 9	424/1. 53;		Reno, John M.
17	<input type="checkbox"/>	<input type="checkbox"/>	US 5607659 A	19970304	36	Directed biodistribution of radiolabelled biotin	424/1.7 3	514/38 7		Gustavson, Lin al.
18	<input type="checkbox"/>	<input type="checkbox"/>	US 5541287 A	19960730	68	Pretargeting methods and compounds	530/317 3;	530/32 3;		Yau, Eric K. e
19	<input type="checkbox"/>	<input type="checkbox"/>	US 5492839 A	19960220	20	Immunogenic ryanodine derivative and related	436/504 5;	436/54 5;		Campbell, Kevin al.
20	<input type="checkbox"/>	<input type="checkbox"/>	US 5393512 A	19950228	10	Stable therapeutic radionuclide	424/1.5 3	424/1. 11;		Vanderheyden, et al.

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3	BRS	L3	0	1 and 2	USPAT	2003/11/03 09:58			0
4	BRS	L4	65281	antibod\$3	USPAT	2003/11/03 09:58			0
5	BRS	L5	0	1 and 4	USPAT	2003/11/03 09:58			0
6	BRS	L6	14018	benzamid\$	USPAT	2003/11/03 09:58			0
7	BRS	L7	0	1 and 2	USPAT	2003/11/03 09:59			0
8	BRS	L8	17803	divinylbenzene	USPAT	2003/11/03 09:59			0
9	BRS	L9	1	1 and 8	USPAT	2003/11/03 09:59			0
10	BRS	L10	236	424/1.81-1.85.cc1s.	USPAT	2003/11/03 10:00			0
11	BRS	L11	155604	sn or tin or alkyltin or	USPAT	2003/11/03			0

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11 BRS	L11	155604	sn or tin or alkyltin or trialkyl-sn	USPAT	2003/11/03 10:00			0
12 BRS	L12	70	10 and 11	USPAT	2003/11/03 10:00			0
13 BRS	L14	109338	support\$1 2	USPAT	2003/11/03 10:00			0
14 BRS	L15	17	13 and 14	USPAT	2003/11/03 10:01			0
15 BRS	L13	42	12 and 2	USPAT	2003/11/03 10:05			0
16 BRS	L16	38	((sn or tin) and (peptides\$ or protein\$1)).ab,ti.	USPAT	2003/11/03 10:06			0
17 BRS	L17	36233	radio\$.ab,ti.	USPAT	2003/11/03 10:06			0
18 BRS	L18	11	16 and 17	USPAT	2003/11/03 10:06			0

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4	BRS	L4	151312	peptide\$1 or protein\$1	USPAT	2003/11/03 16:02			0
5	BRS	L5	10660	(sn or tributyl or tributyltin or trialkyl or	USPAT	2003/11/03 16:18			0
6	BRS	L6	65409	2 and 4	USPAT	2003/11/03 16:03			0
7	BRS	L7	36233	radio\$.ab,ti.	USPAT	2003/11/03 16:03			0
8	BRS	L8	59	5 and 6	USPAT	2003/11/03 16:04			0
9	BRS	L9	5	8 and 7	USPAT	2003/11/03 16:06			0
10	BRS	L10	256	424/1.81-1.89.cc1s.	USPAT	2003/11/03 16:06			0
11	BRS	L11	174492	sn or tributyl or tributyltin or trialkyl or	USPAT	2003/11/03 16:06			0
12	BRS	L12	81	10 and 11	USPAT	2003/11/03 16:07			0
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18	BRS	L18	5814	11 and 2	USPAT	2003/11/03 16:15			0
19	BRS	L19	13	18 and 10	USPAT	2003/11/03 16:15			0
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21	BRS	L21	154	18 and 7	USPAT	2003/11/03 16:17			0
22	BRS	L22	28300	tributyl or tributyltin or trialkyl or trialkyltin o	USPAT	2003/11/03 16:19			0
23	BRS	L23	1823	22 and 2	USPAT	2003/11/03 16:19			0
24	BRS	L24	30	23 and 7	USPAT	2003/11/03 16:19			0
25	BRS	L25	25	24 and 4	USPAT	2003/11/03 16:19			0

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